

## II. REMARKS

Claims 2 and 13 have been amended to add "in the frequency domain". Support for the amendment to claims 2 and 13 can be found, for example, in the third and fourth paragraphs of page 7.

Claim 6 has been amended to recite that the operating step includes the step of implementing, in each subband, the least mean square algorithm, the recursive least squares algorithm, or a combination thereof. Support for the amendment to claim 6 can be found, for example, in the third paragraph of page 6. Claim 17 has been amended to add changes corresponding to those of claim 6.

New claims 23-32 have been added.

Claims 23-27 directly or indirectly depend on claim 1. Claim 23 recites that the analysing step produces oversampled subband signals. Claim 24 recites performing a WOLA analysis and performing a WOLA synthesis. Claim 25 recites performing a WOLA analysis on the primary signal and performing a WOLA analysis on the reference signal. Claim 26 recites that the coefficients of the adaptive filter are adjusted based on at least the frequency domain reference signal of claim 25. Claim 27 recites that the coefficients of the adaptive filter are adjusted based on the frequency domain primary signal of claim 25 and the frequency domain reference signal of claim 25.

Claims 28-32 directly or indirectly depend on claim 12. Claim 28 recites that the system includes an oversampled filterbank. Claim 29 recites that the system includes a WOLA analysis

filterbank and a WOLA synthesis filterbank. Claim 30 recites that the system includes a WOLA analysis filterbank for the primary signal and a WOLA analysis filterbank for the reference signal. Claim 31 recites that the coefficients of the adaptive filter are adjusted based on at least the frequency domain reference signal of claim 30. Claim 32 recites that the coefficients of the adaptive filter are adjusted based on the frequency domain primary signal of claim 30 and the frequency domain reference signal of claim 30.

New claims 23-32 are fully supported by the application as originally filed. In particular, support for new claims 23-25 and 28-39 can be found, for example, in the first and second paragraphs of page 7; support for new claims 26-27 and 31-32 can be found, for example, in the fourth paragraph of page 7.

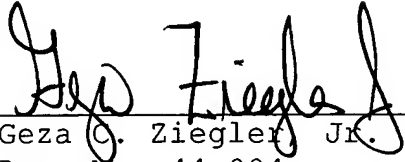
No new matter has been introduced by way of the amendment.

Early and favorable consideration of this application on its merits is respectfully requested.

It is respectfully submitted that all of the claims present in the application are clearly novel and patentable, and are in proper form for allowance. Accordingly, favorable consideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check for \$500.00 is enclosed for the additional claims fee. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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16 May 2005  
Date

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